

ELECTRICALLY HEATED THERMAL BATTERY

ABSTRACT

The invention is a thermal battery system. In detail, the battery system includes housing. A plurality of battery cells containing an electrolyte that is in a non-operating condition at ambient temperatures and in an operating at condition at elevated temperatures is mounted within the housing. A wire heating assembly is mounted within the housing for heating the electrolyte to operating temperatures, upon the application of electric power thereto. Preferably, the heating assembly comprises a plurality of heating coils wound about the battery cells.